

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The 6" Wafer™ LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovative wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 50,000 hours. These Wafer™ LED downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

**CONSTRUCTION** — IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Steel spring clip for easy installation. Plenum rated cable connector to connect from module to remote driver box. Isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (8) 14 gauge insulated conductors, or (6) 12 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chaine applications and contractor friendly.

**INSTALLATION** — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure the correct size hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote drive box.

**OPTICS** — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilized 2700K, 3000K, 3500K, 4000K and 5000K color temperature LEDs.

**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) proprietary remote LED driver/splice box, with two (2) additional low-voltage wires for 0-10v dimming, down to 10% (depending on dimmer model and application). High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C).

**LISTINGS** — CSA certified to Canadian and US Safety Standards. ENERGY STAR® certified product. Air Tight certified in accordance with ASTM E283-2004. Wet Location Listed.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

# Wafer™ LED Recessed Downlight WF6 MVOLT 6" LED Module

IC/Non-IC  
New Construction/Remodel



Matte black



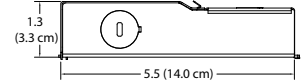
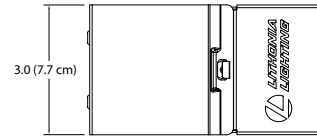
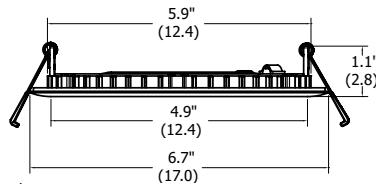
Brushed nickel



Oil-rubbed bronze

### Specifications

Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)



All dimensions are inches (centimeters) unless otherwise indicated.

### ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** WF6 LED 30K MVOLT MW

WF6	Lamp	CCT/CRI/W/Lumens <sup>1</sup>	Voltage	Finish <sup>2</sup>
<b>Series</b>	<b>LED</b>			
<b>WF6</b> 6" Wafer™ LED downlight	LED	<b>27K</b> 2700K/80CRI/13.8W/1000L <b>30K</b> 3000K/80CRI/13W/1020L <b>35K</b> 3500K/80CRI/13.4W/1100L <b>40K</b> 4000K/80CRI/13.6W/1200L <b>50K</b> 5000K/80CRI/14.4W/1210L	<b>MVOLT</b> Multi-Volt (120-277V)	<b>MW</b> Matte white <b>MB</b> Matte black <b>BN</b> Brushed nickel <b>ORB</b> Oil-rubbed bronze

### Accessories: Order as separate catalog number.

WF6 PAN R12	6" new construction pan, retail pack of 12
WFJB U	Remodel joist bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable



WF6\_Pan



Joist



Extension Cable

### Notes

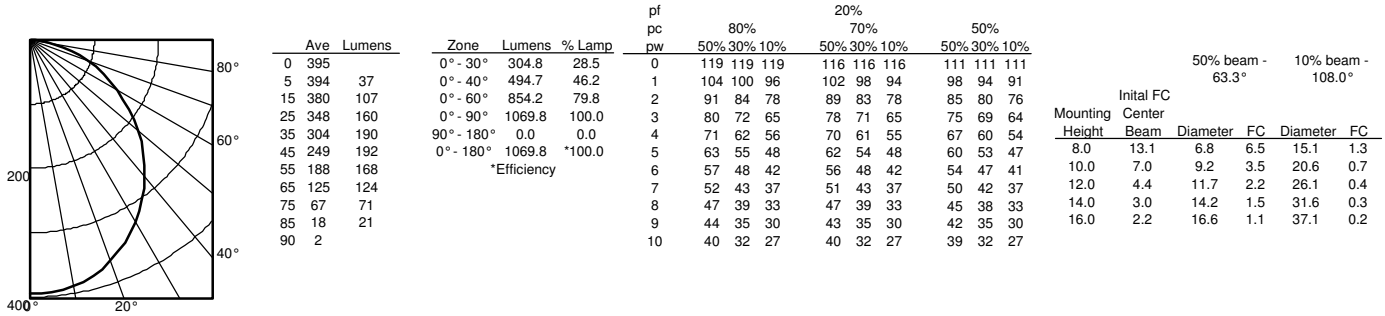
- Total system delivered lumens.
- Only stocked in Matte White finish, enter non-stock order for other color finishes there is a 45 day lead time.

# WF6 MVOLT 6" LED Wafer™ Module

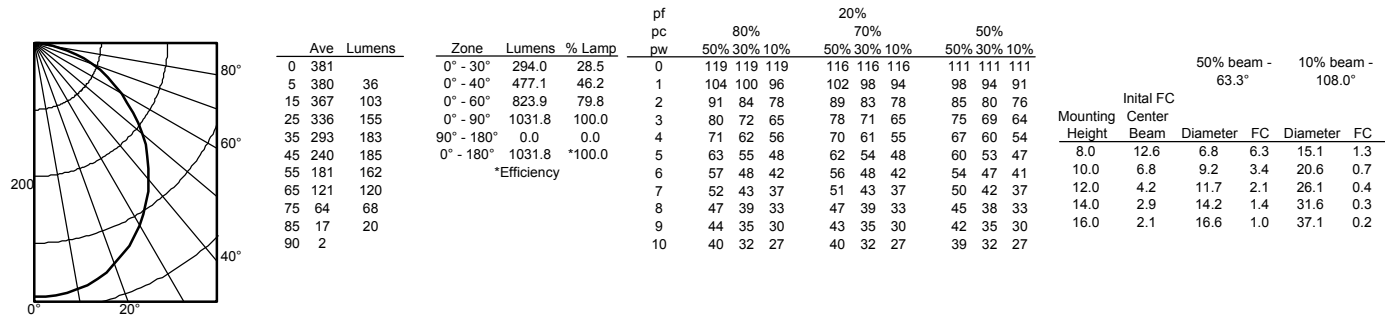
## PHOTOMETRICS

Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

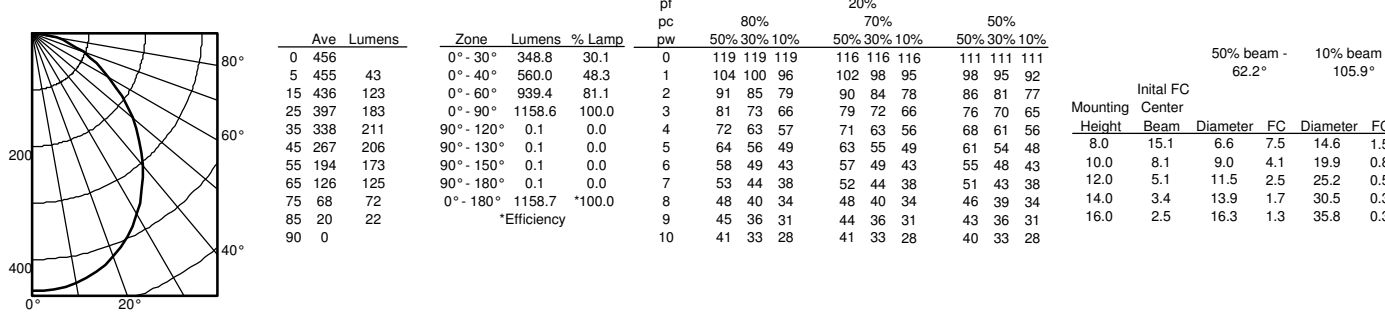
**WF6 LED 27K**, 2700 K LEDs, input watts: 13.8, delivered lumens: 1069, LM/W=72.5, test no. ISF 30024P2



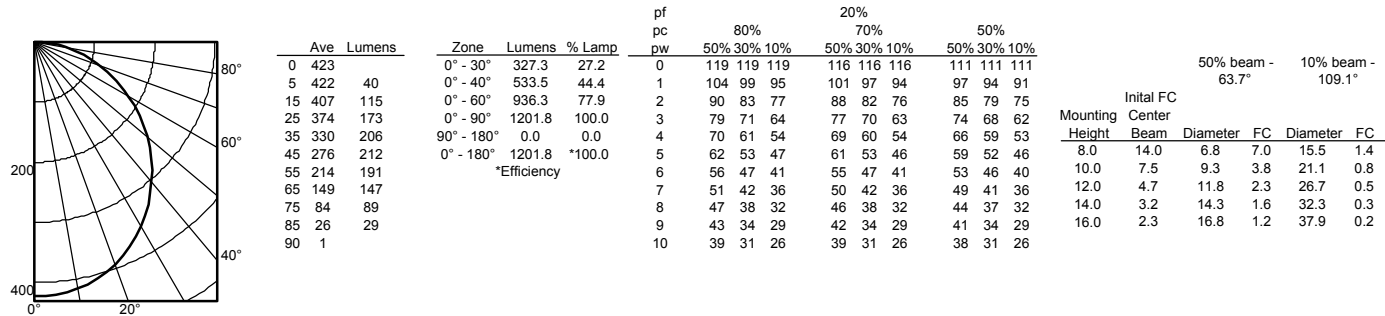
**WF6 LED 30K**, 3000 K LEDs, input watts: 13, delivered lumens: 1020, LM/W=78.5, test no. ISF 30024



**WF6 LED 35K**, 3500 K LEDs, input watts: 13.4, delivered lumens: 1158, LM/W=82.1, test no. ISF 35161

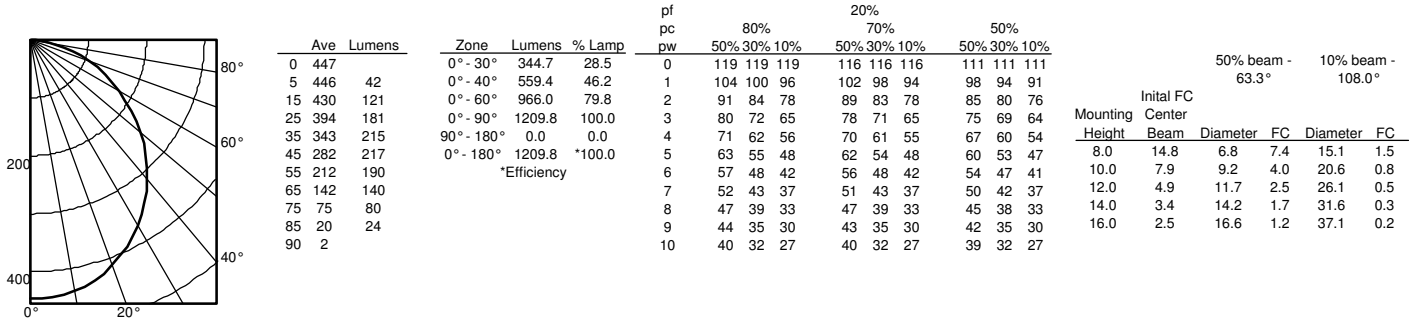


**WF6 LED 40K**, 4000 K LEDs, input watts: 13.6, delivered lumens: 1200, LM/W=88.2, test no. ISF 30376



# WF6 MVOLT 6" LED Wafer™ Module

WF6 LED 50K, 5000 K LEDs, input watts: 14.4, delivered lumens: 1209, LM/W=84.0, test no. ISF 30024P3



6" ENERGY DATA					
Color Temperature	2700K	3000K	3500K	4000K	5000K
Lumens	1000	1020	1100	1200	1210
CRI	80	80	80	80	80
Lumens/Watt	72.5	78.5	82	88.2	84
Min. starting temperature	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V-277V	120V-277V	120V-277V	120V-277V	120V-277V
Min. power factor	.99	.99	.99	.99	.99
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated wattage	13.8W	13W	13.4W	13.6W	14.4W
Input power	13.8W	13W	13.4W	13.6W	14.4W
Input current	0.12A	0.11A	0.12A	0.11A	0.12A